

### ABSTRACT OF THE DISCLOSURE

In the color image transmission system between a pair of computer image processing systems A & B, a common basic color such as R.G.B. basic color is firstly decided, then this common basic color is transmitted from the system A to the system B so that a digital image (X) is indicated on the monitor of the system B, the color matching operation is applied to the digital image (X) to substantially match the displayed color thereof and decide a correction value  $\alpha$  from color data indicated on the monitor of the system B. This correction value  $\alpha$  is used in a color calibration process applied to a digital image (Y) indicated on the monitor of the system B which is created by transmitting an original color image ( $Y_0$ ) from the system A so that a color modified digital image (Z) having a color substantially matched to the color of the original color image ( $Y_0$ ) is indicated on the monitor of the system B.